



## United States Patent [19]

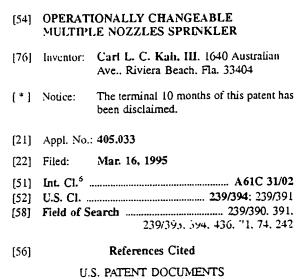
## Kah, III

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5.104.045 5.141.157	4/1992 8/1992	Kah, Jr.       239/242         Kah, Jr.       239/246         Han et al.       239/242 X         Lindowski et al.       239/240 X
5.226.599	7/1993	Lindermeir et al 239/205

## FOREIGN PATENT DOCUMENTS

2313132	12/1976	France	239/394
975101	11/1982	U.S.S.R	239/390

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[57] ABSTRACT

An oscillatable nozzle sprinkler with operationally changeable nozzles from the top. One configuration consists of a multiple nozzle cylindrical sleeve which allows a desired nozzle for flow rate and trajectory to be rotationally selected while the sprinkler is operating. Another configuration allows individual nozzles to be inserted into the top of the sprinkler housing while the sprinkler is operating.

## 19 Claims, 3 Drawing Sheets

